

Docket No.: 4715-008



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Inventor(s): Luc VARIN et al.

U.S. Patent Application No. 10/019,931

Filed: May 10, 2002

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Confirmation No.8743

Group Art Unit: 1638

Examiner: STUART F BAUM

For: METHOD, COMPOSITIONS, AND GENETIC SEQUENCES FOR MODULATING  
FLOWERING PLANTS, AND PLANTS GENETICALLY MODIFIED TO FLOWER  
EARLY AND TARDILY

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

03/31/2006 HALI11 00000037 10019931

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180.00 01

A credit card authorization form in the amount of \$180.00 is attached. Any deficiency or overpayment should be charged or credited to Deposit Account No. 07-1337.

Respectfully submitted,

**LOWE HAUPTMAN & BERNER, LLP**



William E. Beaumont  
Registration No. 30,996

1700 Diagonal Road, Suite 310  
Alexandria, Virginia 22314  
(703) 684-1111 WEB/iyr  
Facsimile: (703) 518-5499  
**Date: March 29, 2006**



INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION  
(PTO-1449)

ATTY. DOCKET NO.  
4715-008

U.S. APPLICATION NO.  
Not yet assigned

APPLICANT  
Luc VARIN et al.

FILING DATE  
herewith

GROUP  
1638

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Varin L, DeLuca V., Ibrahim RK, Brisson N (1992) Molecular characterization of two plant flavonol sulfotransferases. <i>Proc Natl Acad Sci USA</i> 89, 1268-90.
	Marsolais F, &, Varin L (1995) Identification of Amino Acid Residues Critical for Catalysis and Cosubstrate Binding in the Flavonol 3-Sulfotransferase. <i>The Journal of Biological Chemistry</i> 270, 30458-30463.
	Marsolais F, Varin L (1997) Mutational analysis of domain II of flavonol 3-sulfotransferase. <i>European Journal of Biochemistry</i> 247, 1056-1062.
	Kakuta Y, Pedersen LG, Carter CW, Negishi, LC (1997) Crystal structure of estrogen sulfotransferase. <i>Nat. Struct. Biol.</i> 4, 904-908.
	Marsolais F, Laviolette M, Kakuta Y, Negishi M, Pedersen LC, Auger M, Luc V (1999) 3'-Phosphoadenosine 5'-phosphosulfate binding site of flavonol 3-sulfotransferase studied by affinity chromatography and <sup>31</sup> P NMR. <i>Biochemistry</i> 38, 4066-4071.
	Rouleau M., Marsolais F, Richard M, Nicolle L, Voigt B, Adam G, Varin L (1999) Inactivation of Brassinosteroid Biological Activity by a Salicylate-inducible Steroid Sulfotransferase from <i>Brassica napus</i> . <i>The Journal of Biological Chemistry</i> 274, 20925-20930.
	Varin, L., Marsolais, F, Richard, M. and Rouleau M. (1997) Biochemistry and molecular biology of plant sulfotransferases. <i>FASEB J.</i> 11, 517-525

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.